

STEREO TURN TABLE

MODEL RP-2626H

In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified be used.

SPECIFICATIONS

GENERAL

Power source:

Power consumption:

Semiconductors:

Dimensions:

(with dust cover)

Weight:

TURNTABLE

Motor:

Drive system:

AC 110/220/240V, 50/60Hz

5W 1-IC

> 25-transistor 7-diode

2-hall elements Width: 455mm

Height: 147 mm Depth: 355mm

DC servo motor with 72-pole

frequency generator

Direct-drive system

Speed:

Speed control range:

Wow & Flutter:

Rumble:

Turntable platter:

33-1/3 and 45rpm

Within ± 4% (Individual control

for 33-1/3 & 45rpm)

± 0.045% (DIN 45 507)

0.03% (JIS C-5521)

Better than 68dB (DIN-B)

31 cm (12 in.) aluminum diecast

with stroboscope marks

TONEARM

Type:

Effective length:

Overhang:

Off-set angle:

Cartridge weight range:

Static-balance S-shaped pipe arm

210mm 11 mm

19°

4 ~ 12grams

Specifications are subject to change without pior notice.

DESIGNATION OF PARTS

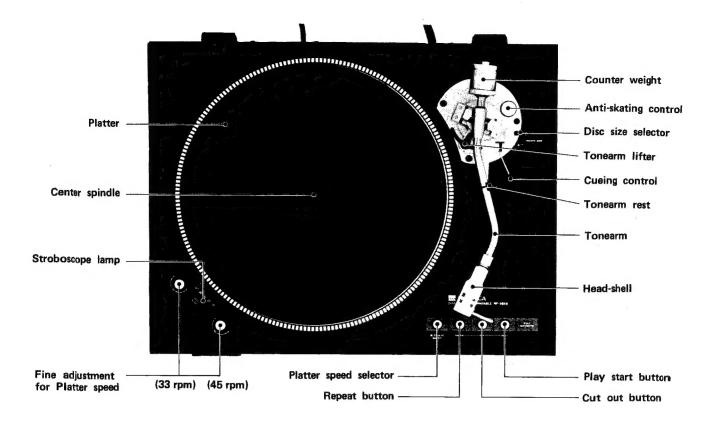


Figure 2-1

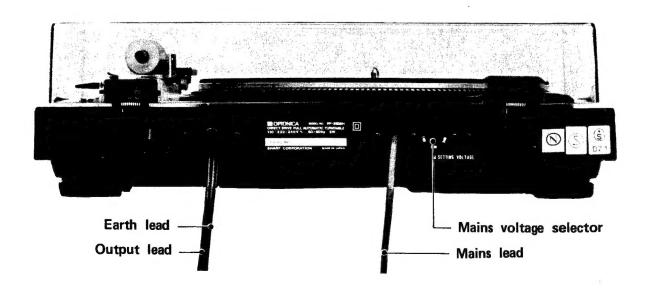


Figure 2-2

DISASSEMBLY

- *Disconnect all leads connected to the back of the unit.
 - 1. Remove fourteen (14) screws retaining the bottom cover. (Refer to Figure 3–1)
 - 2. Mechanical parts removal. (Refer to Figures 13-1 and 15-1)

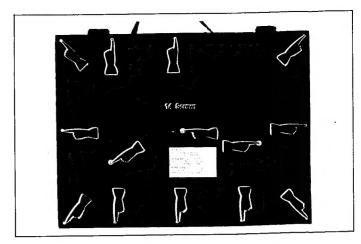


Figure 3-1

VOLTAGE SELECTION

Check the preset voltage before connecting the mains plug to a mains outlet. If the setting is different from your local supply mains voltage, the selector must be re-set as follows. Rotate the selector with a screw driver, aligning the arrow mark to your local voltage number.

Note:

Since this set uses DC motor, the operation is regardless of whether a household power supply is of $50\,\text{Hz}$ or $60\,\text{Hz}$.

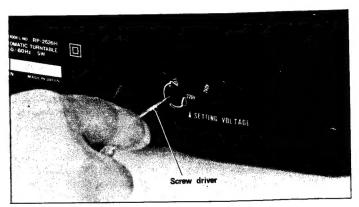


Figure 3-2

MOUNTING OF PHONO-CARTRIDGE ON HEAD-SHELL

- 1. Referring to Figure 3-3, connect the cartridge to the head-shell by use of leads.
- 2. Provide a distance of 50mm between the stylus end and the rubber packing on the head-shell. (Refer to Figure 3-4)

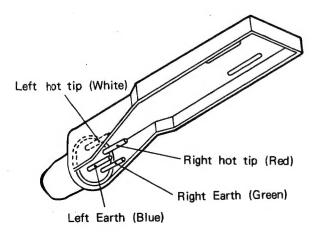


Figure 3-3

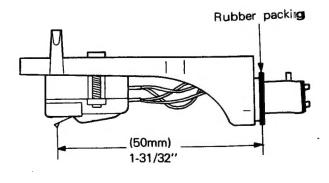


Figure 3-4

BEHAVIORS OF CONTROL CIRCUIT

This control circuit is a frequency generator servo type that detects output of the dynamo synchronizing with the motor

so that this detected output is considered frequency, thereby controlling the speed of a disk to be used.

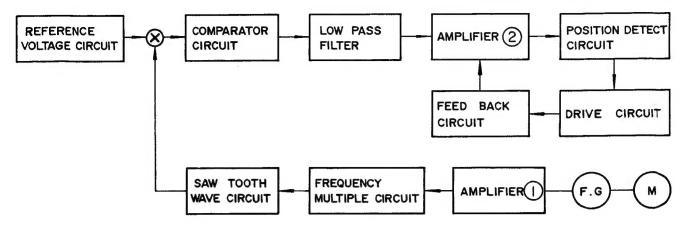


Figure 4-1 BLOCK DIAGRAM

- * Refer to Figures 4-1, 4-2 and 5-1.
- 1) FREQUENCY GENERATOR

The frequency generator consists of 72-pole magnet, 36-tooth multi-gap head and coil and it creates sine waves of 20 Hz and 27 Hz respectively when an LP disk and EP disk are played.

- 2) AMPLIFIER CIRCUIT (1)
 - The amplifier circuit is of 2-stage differential type and it amplifies the output of frequency generator to produce square wave of 50% duty cycle.
 - Semi-variable resistor VR1 (330 ohm B) is to adjust the square wave so that its duty cycle becomes 50%: this is because that the output of this circuit will be premitted to be multiplied by the frequency multiple circuit.
- 3) FREQUENCY MULTIPLE CIRCUIT
 - The frequency multiple circuit is to differentiate conversion output and non-conversion output (the two are of square wave) obtained from the said amplifier circuit so as to create pulses each having a swifter rising and a narrow width. Each of the pulses is then applied to the switching transistor in which it will be shaped to a saw tooth wave. Each of the switching transistors can be turned on when given a positive pulse so that the frequency be multiplied (doubled).
- 4) SAW TOOTH WAVE GENERATOR CIRCUIT
 - The generator circuit is composed of a C/R circuit which serves as charging unit and a switching transistor which works to discharge the voltage stored in the capacitor in an instant, and it is thus able to obtain saw tooth waves with the height being nearly in proportion to a given frequency.
- 5) REFERENCE VOLTAGE CIRCUIT

The reference voltage circuit is to produce a reference voltage that determines the rotation number of motor, in which output of the voltage regulated circuit is resistor-divided to be made a constant voltage. Variable resistor is provided to permit the voltage-division ratio be varied, thereby the motor's rotation number being variable.

Waveforms of the Circuits (with DC 20 V) (The points A to H are identical to those indicated in the annexed "Circuit Diagram" Figure 5–1.)

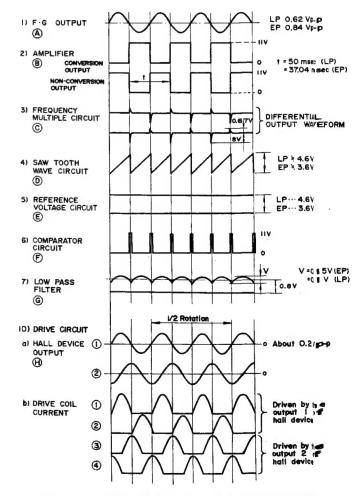


Figure 4-2 WAVE FORMS OF THE CIRCUIT

6) COMPARATOR CIRCUIT

The comparator circuit consists of differential comparator circuit and switching transistor and it is to compare the level of the saw tooth wave 4) and that of reference voltage 5) to each other so that there will be on-off pulses available. off-pulse is obtained when the height of saw tooth wave is lower than the level of reference voltage while on-pulse when the former is higher than the latter: a variation of the frequency (that of the motor's rotation number) is converted into an average variation of the output pulse.

7) LOW-PASS FILTER

The low-pass filter is a 2-stage CR primary low-pass filter that is to have the output pulse of comparator circuit be smoothed.

8) AMPLIFIER CIRCUIT ②

The amplifier circuit is to amplify the output of low-pass filter to apply it to the hall device.

9) POSITION DETECT CIRCUIT

The position detect circuit serves to detect N-pole or S-pole of the rotor magnet by means of hall device so that it can determine the sequence by which 4 drive coils will be given a current one after another. Meanwhile, voltage applied to the hall device is regulated by the control circuit described in the steps 1) to 8) above and output voltage of the hall device is varied according to a variation of the rotation number of motor.

10) DRIVE CIRCUIT

The drive circuit is the one which amplifies the output of hall device to have a current run in the drive coil.

11) FEEDBACK CIRCUIT

The feedback circuit is to carry out a negative feedback operation from the drive circuit to the amplifier circuit ②, thus letting the entire operation of control circuit be more stabilized.

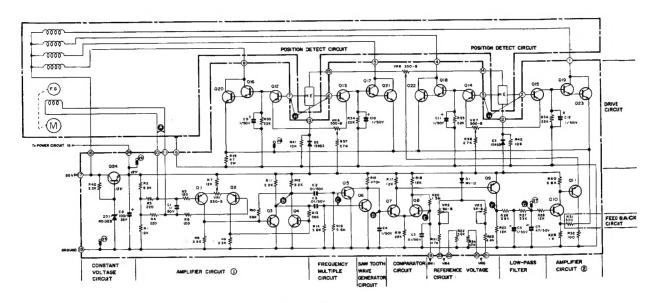


Figure 5-1

CIRCUIT MOTION WHILE THE ROTATION NUMBER BEING VARIED

Circuit Motion while the Rotation Number Being Varied In which, $N_1 \,>\, N_2 \,>\, N_3$

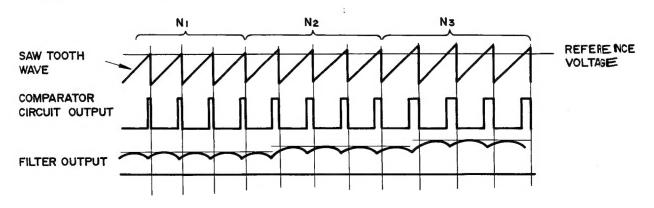


Figure 5-2

ADJUSTMENT OF THE MECHANISM

■ AUTO READ-IN ADJUSTMENT

(Refer to Figure 6-1)

Before the set leaves the factory, descending position of the stylus has been adjusted properly but it may be, however, that under automatic play mode the stylus top end cannot descend on the starting groove correctly because of the adjustment having been deviated due to vibration during the transportation or if a disc record outside the specification is used. If the descending position of the stylus is not correct, adjust the screw provided at the bottom of this unit.

When the stylus descends outside the record periphery, rotate the screw toward ' $\ensuremath{\mathsf{IN'}}$.

While, when it descends inside the starting groove of the record, rotate the screw toward 'OUT'.

Motion of one graduation of the screw can change the descending position by 1.5 mm.

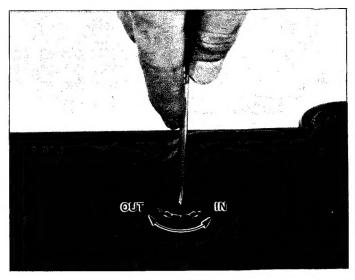


Figure 6-1

■ STYLUS POSITION ADJUSTMENT

(Refer to Figure 6-2)

In the auto return or auto lead-in operation or cueing-up operation, the stylus tends to scratch a record disk surface if its setting height is lower than usual, or it may not descend exactly on the disk surface or hit the dust cover if the height is higher than normal. Therefore, take the following procedures to assure the rated stylus position.

- Positionally arranged the eccentric pin groove of the seesaw lever to direct to its longitudinal direction. See the photo.
- Set the cueing lever at "Up" position and rotate the nut of the elevation shaft to provide a clearance or approx.
 8 +4 mm between the stylus top and the disk surface.
- Place the unit in "auto lead-in" mode to allow the tonearm to come to above the disk surface, then stop the tonearm and adjust the eccentric pin of the seesaw lever so that a distance between the stylus top and the disk surface becomes 8 ⁺⁴/₂ mm (at the time, keep the cueing lever at "Down" position).

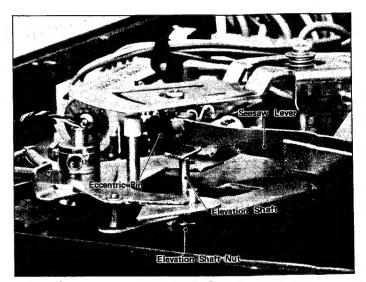


Figure 6-2

■ AUTO RETURN ADJUSTMENT

(Refer to Figure 6-3)

Turn the screw clockwise when return motion is too fast (before end of performance) and turn it counterclockwise when the arm doesn't return even when it has come near the label on the record.

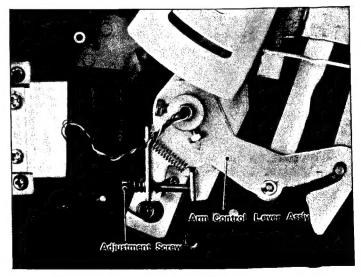


Figure 6-3

ALIGNMENT OF THE CIRCUIT

■ FREQUENCY MULTIPLE ADJUSTMENT

(Refer to Figures 7-1 and 8-3)

- 1. Connect the oscilloscope to the pins 25 (GND) and 27
- 2. Adjust the semi-variable resistor (VR1) so that good waveform indicated in Figure 7–1.

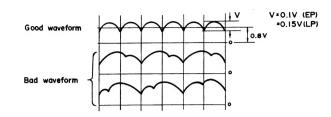


Figure 7-1

■ DRIVE CIRCUIT ADJUSTMENT

- 1) HALL DEVICE (Refer to Figures 7-2 and 8-2)
- 1. Connect the oscilloscope to the pins 25 (GND) and 28 (+).
- 2. Adjust the semi-variable resistor (VR1104) so that good waveform indicated in Figure 7–2.

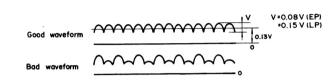


Figure 7-2

2) 4-COIL CURRENT (Refer to Figures 7–3 and 8–2) 1. Connect the oscilloscope to the pins 25 (GND)

- 1. Connect the oscilloscope to the pins 25 (GND) and 28 (+).
- 2. Adjust the semi-variable resistors (VR6 and 7) so that good waveform indicated in Figure 7–3.

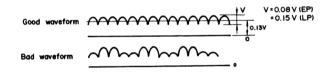


Figure 7-3

■ ADJUSTMENT OF THE MOTOR'S ROTATION

(Refer to Figures 8-1 and 8-2)

The revolutional speed of turntable minutely varies according to the hour during a day, therefore, take the following procedures to obtain an exact speed.

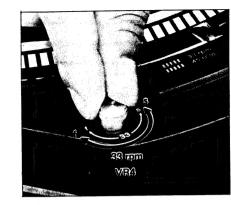
- 1. Turn the speed fine adjustment knob clockwise or anticlockwise to adjust so that the stripe pattern of a stroboscope provided at the platter looks like stationary.
- When the stripe pattern is moving in the turning direction of platter, this shows that the rotational speed of turntable is faster than as specified.
- In this case, adjust it by turning the speed fine adjustment knob toward 's'.
- Or, when the stripe pattern is moving against the turning direction of platter this shows that the turntable rotates slower than as specified. In such a case, adjust it by turning the speed fine adjustment knob toward 'f'.
- When the servo-control P.W. board or other electrical parts are replaced for repairing, adjust the turntable speed in the following manner.
 - 1) Set the speed fine adjustment knobs (VR4, VR5) to the central position.
 - 2) Adjust the semi-variable resistors (VR2, VR3) so that the stripe pattern of a stroboscope provided at the platter looks like stationary.

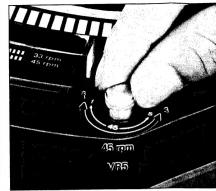
VR2 For 33-1/3 r.p.m. Adjust VR3 For 45 r.p.m. Adjust

■ STROBOSCOPE FREQUENCY ADJUSTMENT

(Refer to Figure 8-2)

- Connect the frequency counter to the base of transistor (Q101) and ground.
- 2. Adjust the semi-variable resistor (VR101) so that the frequency counter indicate 120 Hz.





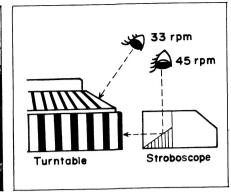
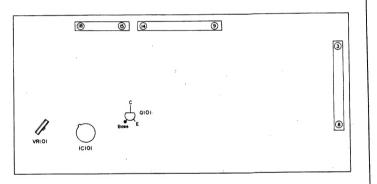


Figure 8-1

VR1 :Frequency Multiple Circuit Adjust .
VR2 :Turntable Speed Adjust (33–1/3rpm)
VR3 :Turntable Speed Adjust (45rpm)
VR4 :Turntable Speed Fine Adjust (33–1/3rpm)
VR5 :Turntable Speed Fine Adjust (45rpm)

VR6. VR7 :4 Coil Current Adjust VR8 :Hall Device Adjust

VR101 :Stroboscope Frequency Adjust



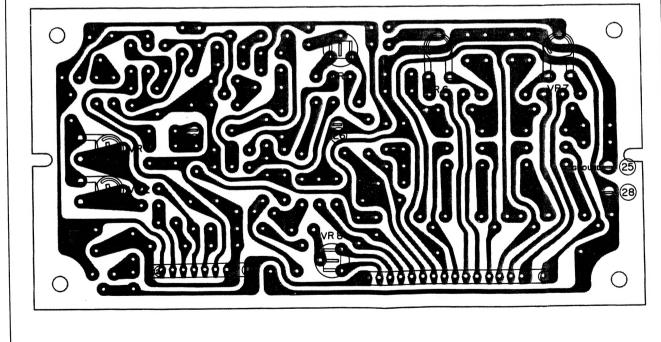
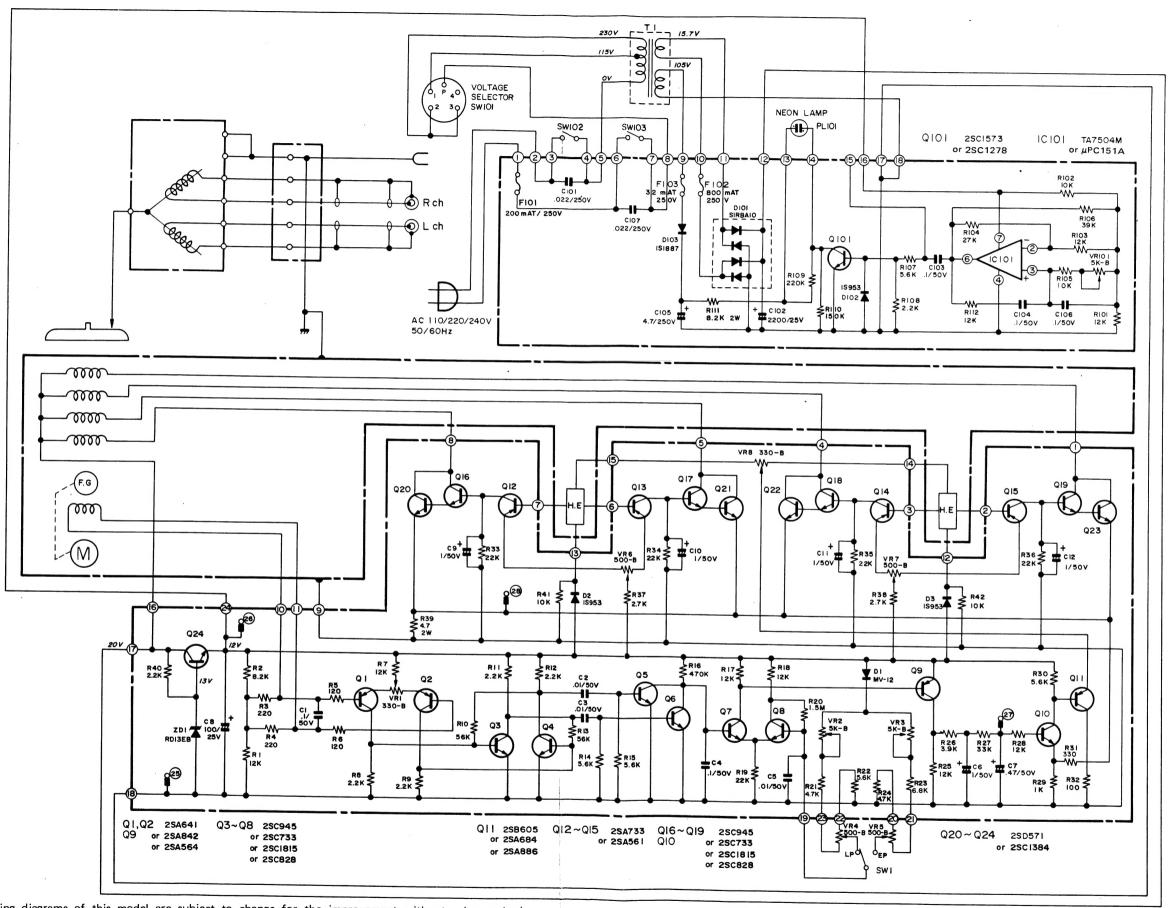


Figure 8-2 ALIGNMENT POINT



(Specifications or wiring diagrams of this model are subject to change for the improvement without prior notice.)

Figure 9-1 SCHEMATIC DIAGRAM

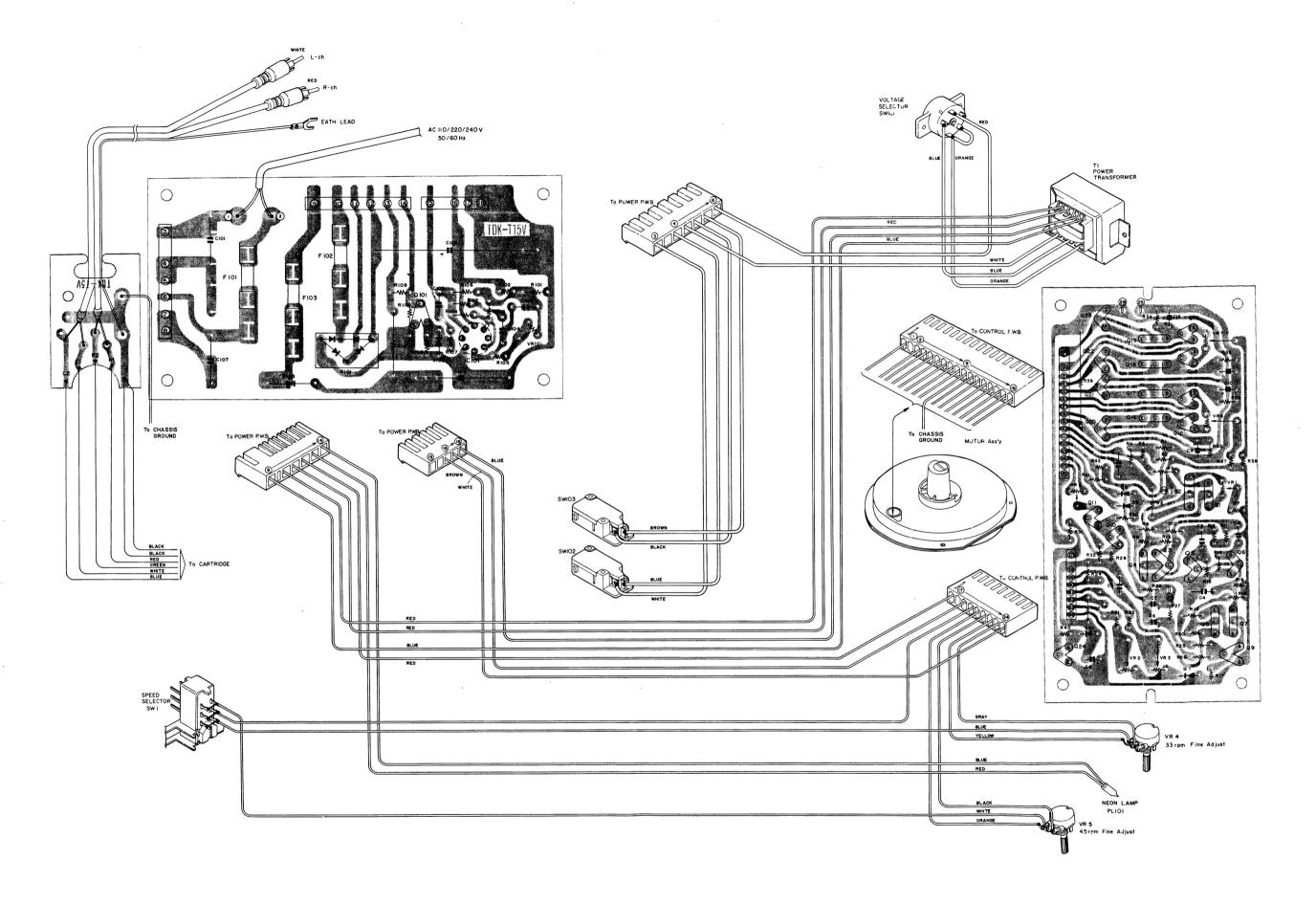


Figure 11-1 WIRING SIDE OF P.W. BOARD

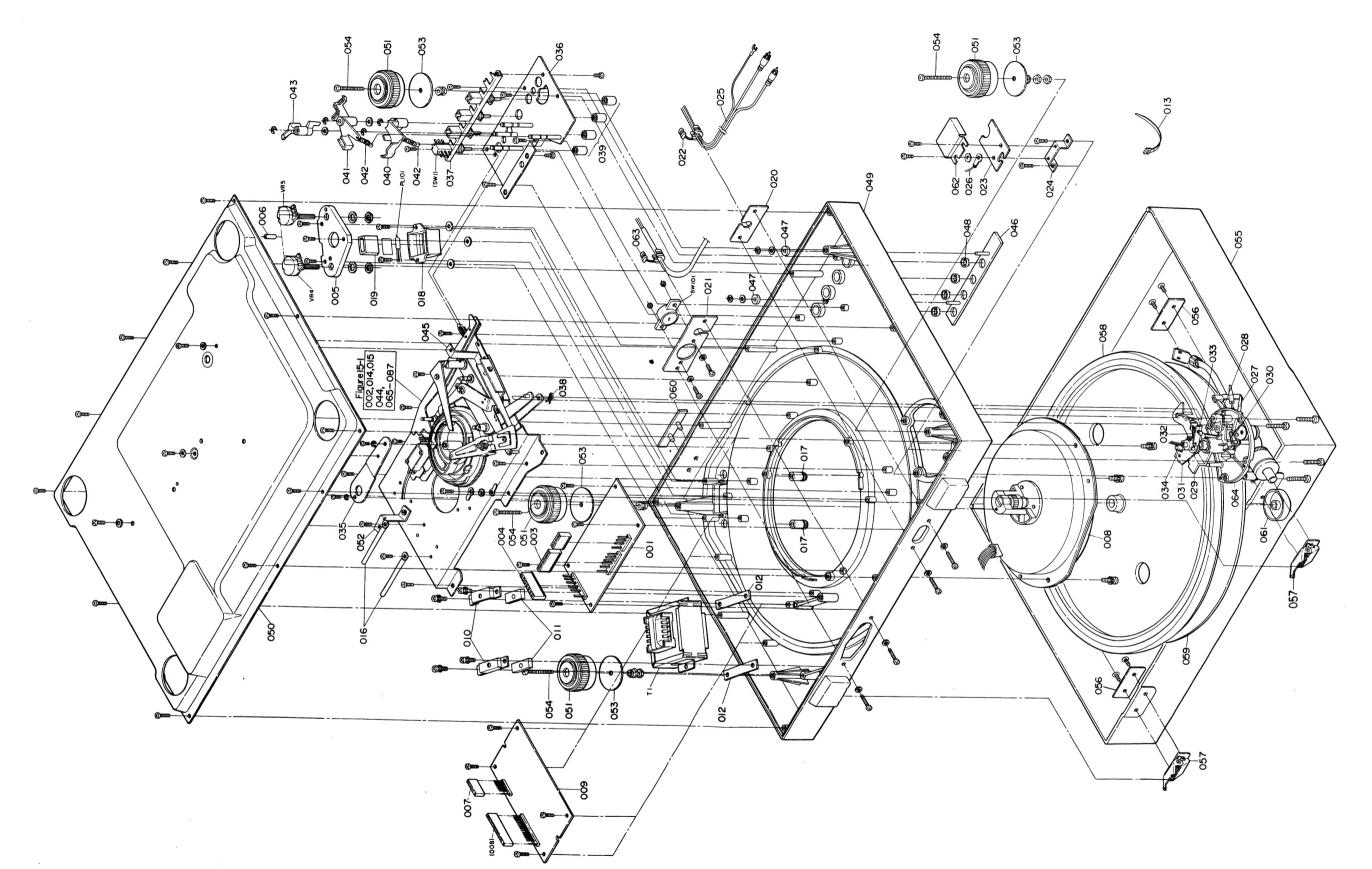


Figure 13-1 PLAYER EXPLODED VIEW (Cabinet)

-13-

-14-

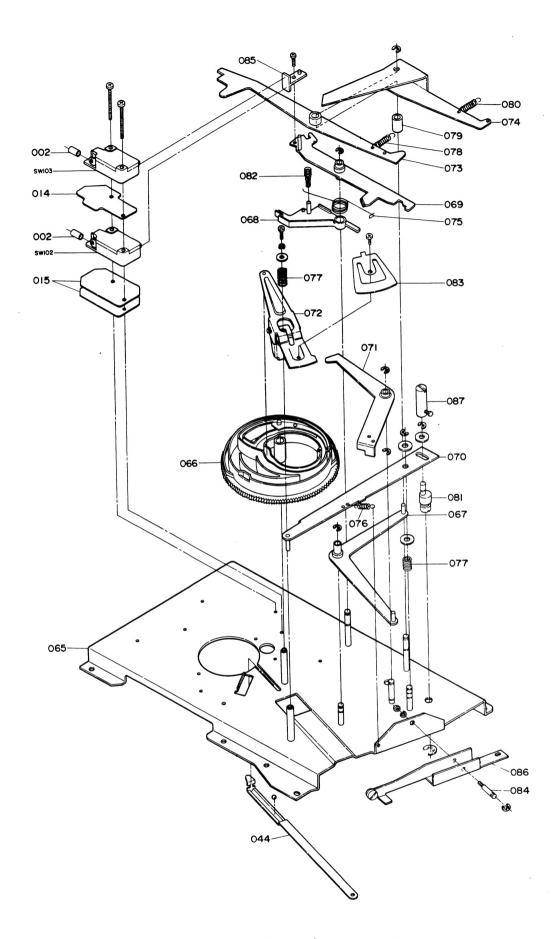


Figure 15-1 PLAYER EXPLODED VIEW (Sub-Chassis)

REPLACEMENT PARTS LIST

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER

2. REF. NO.

3. PART NO.

4. DESCRIPTION

REF. NO.	PART NO.	DESCRIPTION	CODE	REF. NO.	PART NO.	DESCRIPTION	CODE	
IC101	INTEGE 91ZµPC151A	RATED CIRCUIT OP Amp (µPC151A)	**	VR2	91Z5KOHMB	5K ohm (B), Turntable Speed Adjust (33-1/3 r.p.m.)	**	
Note:	or 91ZTA7504M	or this partitional		VR3	91Z5KOHMB	5K ohm (B), Turntable Speed Adjust (45 r.p.m.)	**	
		ANSISTORS		VR4	91Z702986	500 ohm (B), Turntable Speed	**	
Q1, Q2	91Z2SA641	Amplifier (1) (2SA641)	**			Fine Adjust (33-1/3 r.p.m.) 500 ohm (B), Turntable Speed	**	
Q3, Q4	91Z2SC945	Amplifier (1) (2SC945)	**	VR5	91Z702986	Fine Adjust (45 r.p.m.)	"	
Q5	91Z2SC945	Frequency Multiple Circuit (2SC945)	**	VR6,	91Z500OHMB	500 ohm (B), 4 Coil Current Adjust	**	
Q 6	91Z2SC945	Saw Tooth Wave Generator (2SC945)	**	VR7) VR8	91Z330OHMB	330 ohm (B), Hall Device Adjust	**	
Q7, Q8	91Z2SC945	Comparator Circuit (2SC945)	**	VR101	91Z5KOHMB	5K ohm (B), Stroboscope	**	
Q9	91Z2SA641	Comparator Circuit (2SA641)	**	VHIUI	9123801111115	Frequency Adjust		
Q10	91Z2SC945	Amplifier (2) (2SC945)	**				1 ' 1	
Q11	91Z2SB605	Amplifier (2) (2SB605)	**		CAP	PACITORS		
Q12,				C1	VCQYKU1HM104K	.1MFD, 50V, ± 10%, Mylar	**	
Q13,	91Z2SA733	Drive Circuit (2SA733)	**	C2, C3	VCQYKU1HM103K	.01MFD, 50V, ±10%, Mylar	**	
Q14, Q15		,,	1 1	C4	VCQYKU1HM104K	.1MFD, 50V, ±10%, Mylar	**	
Q16,]			1 1	C5	VCQYKU1HM103K	.01MFD, 50V, ±10%, Mylar 1MFD, 50V, ±20%, Electrolytic	1 1	
Q17,				C6 C7	VCEALU1HC105M VCEALU1HW474M	.47MFD, 50V, ±20%, Electroly	~ 1	
Q18,	91Z2SC945	Drive Circuit (2SC945)	**	C8	VCEAAU1EW106Y	100MFD, 25V, +50-10%,	**	
Q19				C9,)	VCEAAOTEWTOOT	Electrolytic		
Q20,]			1	C10,		•		
Q21,	91Z2SD571	Date: 0' tr (00DE74)		C11,	VCEAAU1HW105A	1MFD, 50V,+75–10%,	**	
Q22,	912250571	Drive Circuit (2SD571)	**	C12		Electrolytic		
Q23 J				C101	91ZRIFAPME271Y	.022MFD , 250V	**	
Q24	91Z2SD571	Constant Voltage Circuit (2SD5	71) **	C102	VCEAAU1EW228Y	2200MFD, 25V, +50-10%,	**	
Q101 Note:	91Z2SC1278	Driver, Neon Lamp (2SC1278)	**	C103, C104	VCQYKU1HM104K	Electrolytic .1MFD, 50V, ± 10%, Mylar	**	
	Q1, Q2, Q9 or 91Z2SA842, 91Z2SA564 Q3 – Q8 or 91Z2SC733			C105	VCEAAU2EW475Y	4.7MFD, 250V, +50-10%, Electrolytic	**	
Q11				C106	VCQYKU1HM104K	.1MFD, 50V, ±10%, Mylar	**	
Q12 - 0				C107	91ZR1FAPME271Y	.022MFD , 250V ESISTORS		
Q10, Q16 – (Q10, Q16 – Q19 or 91Z2SC733			(Unless otherwise specified resistors are 1/4W, ±5%, Carbon type.) R1 VRD-SU2EY123J 12K ohm *				
Q20 - 0	Ω24 or 91Z2SC138	34		R2	VRD-SU2EY822J	8.2K ohm	**	Ì
Q101	or 91Z2SC157	73		R3, R4	VRD-SU2EY221J	220 ohm	**	ĺ
			<u> </u> .	R5, R6	VRD-SU2EY121J	120 ohm	**	İ
		DIODES		R7	VRD-SU2EY123J	12K ohm	**	İ
D1	91ZMV-12	Reference Voltage Circuit (MV-	12) **	R8, R9	VRD-SU2EY222J	2.2K ohm	**	ı
D2, } D3 }	91Z1S953	Drive Circuit (1S953)	**	R10 R11,	VRD-SU2EY563J VRD-SU2EY222J	56K ohm 2.2K ohm	**	
D101 D102	91ZSIRBA10 91Z1S953	Rectifier (S1RBA10) Neon Lamp Drive Circuit (1S95)	** 53) **	R12 J R13	VRD-SU2EY563J	56K ohm	**	١
D103 ZD1	91Z1S1887 91ZRD13E(B)	Rectifier (1S1887) Constant Voltage Circuit (RD13	** 3EB)**	R14, R15	VRD-SU2EY562J	5.6K ohm	**	١
			1	R16	VRD-SU2EY471J	470K ohm	**	١
	TRANSFORMER			R17,) R18	VRD-SU2EY123J	12K ohm	**	
T1	91Z871324	Power	**	R19	VRD-SU2EY223J	22K ohm	**	
				R20	VRD-SU2EY155J	1.5 Meg ohm	**	1
	(CONTROLS	1	R21	VRD-SU2EY472J	4.7K ohm	**	i i
VR1	91Z330OHMB	330 ohm, (B), Frequency	.**	R22	VRD-SU2EY562J	5.6K ohnn	**	
		Multiple Circuit Adjust	1	R23	VRD-SU2EY682J	6.8K ohnn	1 **	١
** : P	rice will be quoted up	•	ı	R24	VRD-SU2EY472J	4.7K ohm	**	
	25 quotou up	o osoipt or ordal.		^				

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PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE	REF. NO.	PART NO.	DESCRIPTION	CODE
R25	VRD-SU2EY123J	12K ohm	**	034	91Z891452-1	Friction Rubber	**
R26	VRD-SU2EY392J	3.9K ohm	**	035	91Z895585	Plate, Main Gear	**
R27	VRD-SU2EY333J	33K ohm	**	036	91Z871208	Bracket, Operation	**
R28	VRD-SU2EY123J	12K ohm	**	037	91Z871209	Push Switch Ass'y	**
R29	VRD-SU2EY102J	1K ohm	**	038	91Z891092	Pin, Auto Return Arm	**
R30	VRD-SU2EY562J	5.6K ohm	**	039	91Z895688	Button, Push Switch	**
R31	VRD-SU2EY331J	330 ohm	**	040	91Z895588	Lever, Reject	**
R32	VRD-SU2EY101J	100 ohm	**	041	91Z895589	Lever, Start	**
R33,				042	91Z891443	Spring, Start Lever	**
R34,	VRD-SU2EY223J	22K ohm	**	043	91Z895590	Lever, Repeat	**
R35,	***************************************			044	91Z870066	Arm, Auto Return	**
R36)				045	91Z892809-1	Bracket, Bottom Cover	**
R37,)	VRD-SU2EY272J	2.7K ohm	**			Retaining	
R38 J	\\D0.DT0DD.4D7\\	4.7 - h 014 +100/ Ouido Film	**	046	91Z89558 6	Operation Plate	**
R39	VRS-PT3DB4R7K	4.7 ohm, 2W, ±10%, Oxide Film	**	047	91Z892940-1	Rubber	**
R40 R41,)	VRD-SU2EY222J	2.2K ohm	""	048	91Z895587	Ring, Operation Plate	**
R42	VRD-SU2EY103J	10K ohm	**	049	91Z846367-4	Cabinet	**
R101	VRD-SU2EY123J	12K ohm	**	050	91Z846368-2	Bottom Cover	**
R102	VRD-SU2EY103J	10K ohm	**	051	91Z896387	Leg	**
R103	VRD-SU2EY123J	12K ohm	**	052	91Z890238-6	Bracket, Bottom Cover	**
R104	VRD-SU2EY273J	27K ohm	**	050	01700001	Retaining	
R105	VRD-SU2EY103J	10K ohm	**	053	91Z895691	Plate, Leg	**
R106	VRD-SU2EY393J	39K ohm	**	054	91Z895967	Screw, Leg Retaining	**
R107	VRD-SU2EY562J	5.6K ohm	**	055 056	91Z851097-3	Dust Cover	**
R108	VRD-SU2EY222J	2.2K ohm	**	057	91Z895231	Plate, Hinge	**
R109	VRD-SU2EY224J	220K ohm	**	057	91Z895215 91Z620026	Hinge Ass'y Turntable	**
R110	VRD-SU2EY154J	150K ohm	**	059	91Z871160	Sheet, Turntable	**
R111	VRS-PT3DB822K	8.2K ohm, 2W, ±10%, Oxide Fil	• (060	HBDGD3054AFSA	Badge, OPTONICA	AC
R112	VRD-SU2EY123J	12K ohm	**	000	HBDGD3034AF3A	(91Z893820)	~
	MISCE	LLANEOUS		061	91Z89087 6	EP Adaptor	**
001	91Z871189	Power Circuit Ass'y		062	91Z895218	Shield, Output P.W. Board	**
002	91Z892484	Tube, Insulator	**	063	91Z891568-2	Bushing, Mains Supply Cord	**
003	91 Z895758	Connector Ass'y	**			(BS)	
004	91 Z704151-1	Socket, Power	**		91Z891568-3	Bushing, Mains Supply Cord	**
005	91Z895591	Bracket, Lamp/Volume	**			(KEMA)	
006	91Z702233-3	Tube, Insulator	**	064	91Z851319-1	Pick-up Ass'y (Without	**
007	91Z895733	Connector, Ass'y	**			Cartridge)	
800	91Z631318	Motor Ass'y	**	065	91Z851227	Sub-chassis Ass'y	**
009	91 Z631347	Control Circuit Ass'y	**	066	91Z870317	Main Gear Ass'y	**
010	912894989	Bracket, Power Transformer	**	067	91Z891431	Switching Lever Ass'y	**
		Retaining		068	91Z891951	Clutch Lever Ass'y	**
011	91Z895734	Bushing, Power Transformer	**	069	91Z891016-1	Switching Lever Ass'y	**
012	91 Z895735	Plate, Power Transformer	**	070	91Z891435	Select Arm Ass'y	**
		Retaining		071	91Z891437	Select Guide Lever Ass'y	**
013	91Z894408	Holder, Wire	**	072	91Z870172	Rotation Plate Ass'y	**
014	91Z893327	Insulator, Micro Switch	**	073	91Z870157	Start Lever Ass'y	**
015	91Z895157	Insulator, Micro Switch	**	074	91Z891444	Lever, Repeat	**
016	91 Z890755	Holder, Wire	**	075	91Z891474	Spring, Clutch Lever	**
017	91Z892618	Knob, Speed Fine Adjust	**	076	91Z891438	Spring, Select Arm	**
018	91 Z895592	Cover, Lamp	**	077	91Z891475	Spring, Safety	**
019	91 Z895595	Holder, Lamp	**	078	91Z891443	Spring, Start Lever	**
020	91Z893037	Plate, Output Lead Hold	**	079	91Z891445	Bushing	**
021	91 Z895596	Plate, Voltage Selector Switch	**	080	91Z893566	Spring, Repeat Lever	**
022	91 Z891568-4	Bushing, Output Lead	**	081	91Z895720	Shaft, Eccentric	**
023	91 Z895155-1	P.W. Board, Output Lead	**	082	91Z891947	Spring, Clutch Lever	**
024 025	91 2895154-1	Bracket, P.W. Board Retaining	**	083 084	91Z891022 91Z890005	Spring, Rotation Plate	**
025	91 Z893699-1	Output Lead Ass'y	**	085	912890095	Shaft, See-saw Lever	**
026	91 Z894509-6 01 Z896203	Earth Lead Ass'y	**	086	91Z894937 01Z801Z85	Tip, Switching Lever	**
027	91 Z896293 91 Z895594	Select Lever Ass'y	**	087	91Z891785 91Z895721	See-saw Lever Ass'y] ::
029	91 Z895593	Lever, Select Lever Ass'y Lever, Selector	**	33,	J12003121	Screw, Auto Read-in Mechanisn	1 **
030	91 2700508-1	Spring, Select Lever	::	F101	QFS-C201CAGNI	Adjust	
031	912891482	Arm Control Lever Ass'y	::	F102	QFS-C801CAGNI	200mAT/250V 800mAT/250V	**
032	91 z801553	Spring, Arm Control Lever		F103	QFS-C320CAGNI	32mAT/250V	
033	91 281 3681	Spring, Screw Lock		PL101	912895757	Neon Lamp	
							

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE	REF. NO.	PART NO.	DESCRIPTION	CODE
SW1	Not available Part of 037	Speed Selector Switch	N-A		QACCV0001AGZZ	Mains Supply Cord (KEMA) (91Z892280)	AP
SW101	QSOCE0551AFZZ	Switch, Voltage Selector (91Z871207)	AG		TINSL0138AFZZ TTAGH0058AFZZ	Operation Manual Tag	**
SW102,) SW103	91Z895430-1	Switch, Power	**			J	
	QACCB0052AF09	Mains Supply Cord (BS) (91Z895961)	AM				